

TECHNICAL EXHIBIT
AMENDMENT TO PENDING
APPLICATION FOR CONSTRUCTION PERMIT
DTV STATION WUGA
TOCCOA, GEORGIA
CH 24 100 KW (MAX-DA) 395 M

Loss Area Analysis

The technical statement addresses the loss area that would be created by the relocation of WUGA-DT from its present transmitter site (See FCC License BLCDT-20090127AAN) to a new transmitter site (See FCC File Number: BPCDT-20100827AAS). The application proposes to relocate WUGA by moving its transmitter site 51 kilometers (32 miles), decreasing the effective radiated power and increasing the antenna height above average terrain.

Figure 1 is a map showing the gain and loss areas that would be created by this facility modification. Figure 2 is a map showing the other services that would be available in the loss area.¹ For the other services, only (1) licensed non-commercial (educational) full-service stations and (2) licensed TV translators whose licensee is that of a non-commercial (educational) entity were considered. As shown by the map, no part of the loss would have fewer than 2 licensed educational services remaining. Therefore, no educational "white" (no services remaining) or "grey" (only one service remaining) is predicted to occur.

¹ The standard FCC propagation curves using the licensed facility parameters were employed to calculate the coverage contours. For full-service stations, the noise-limited contour was calculated. For TV translators, the Part 74 protected contour values were used to define the contours.

Below is a tabulation of the loss and gain area statistics. All population values are from the 2000 U.S. Census. All service areas are based upon the noise-limited contour.

Existing Service

Population: 847,000 persons
Area: 15,950 km²

Proposed Service

Population: 1,805,000 persons
Area: 20,970 km²

Loss Area

Population: 208,000 persons
11.5% of Proposed Service Population
Area: 3,730 km²
17.8% of Proposed Service Area

Loss Area by State

Georgia

Population: 4,000 persons
0.2% of Proposed Service Population
Area: 275 km²
1.3% of Proposed Service Area

North Carolina

Population: 23,000 persons
1.3% of Proposed Service Population
Area: 1,260 km²
6.0% of Proposed Service Area

South Carolina

Population: 181,000 persons
10.0% of Proposed Service Population
Area: 2,195 km²
10.5% of Proposed Service Area

Gain Area

Population:	1,166,000 persons 64.6% of Proposed Service Population
Area:	8,750 km ² 41.7% of Proposed Service Area

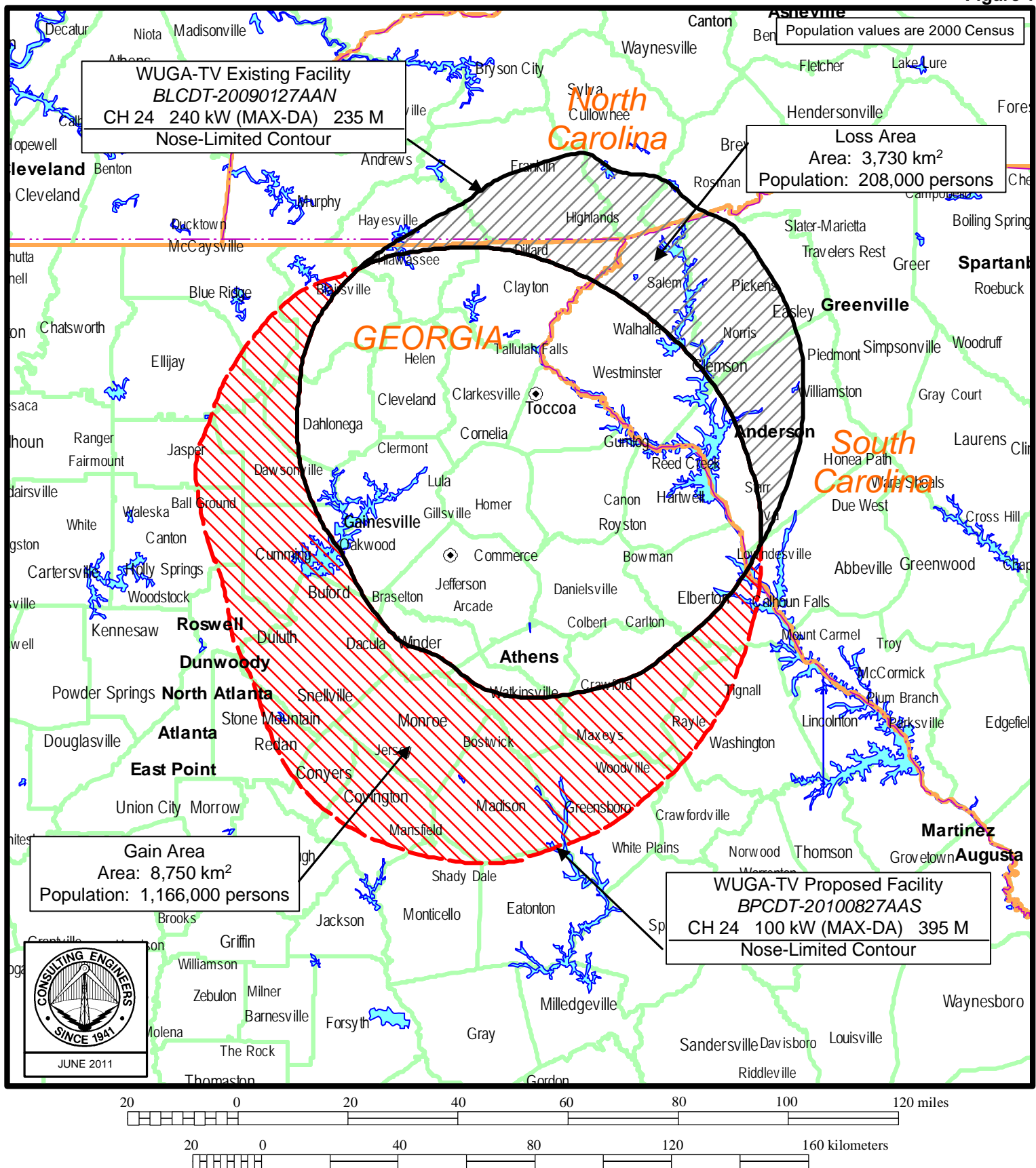
The WUGA-TV loss area within the state of Georgia contains 4,000 persons. Of that area, 1,555 persons is served by the operating W12DK-LP, whose licensee is the Georgia Public Telecommunications Commission. The remaining loss area containing 2,445 persons would be served by educational stations located outside the state of Georgia.

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Figure 1



WUGA LOSS AREA ANALYSIS

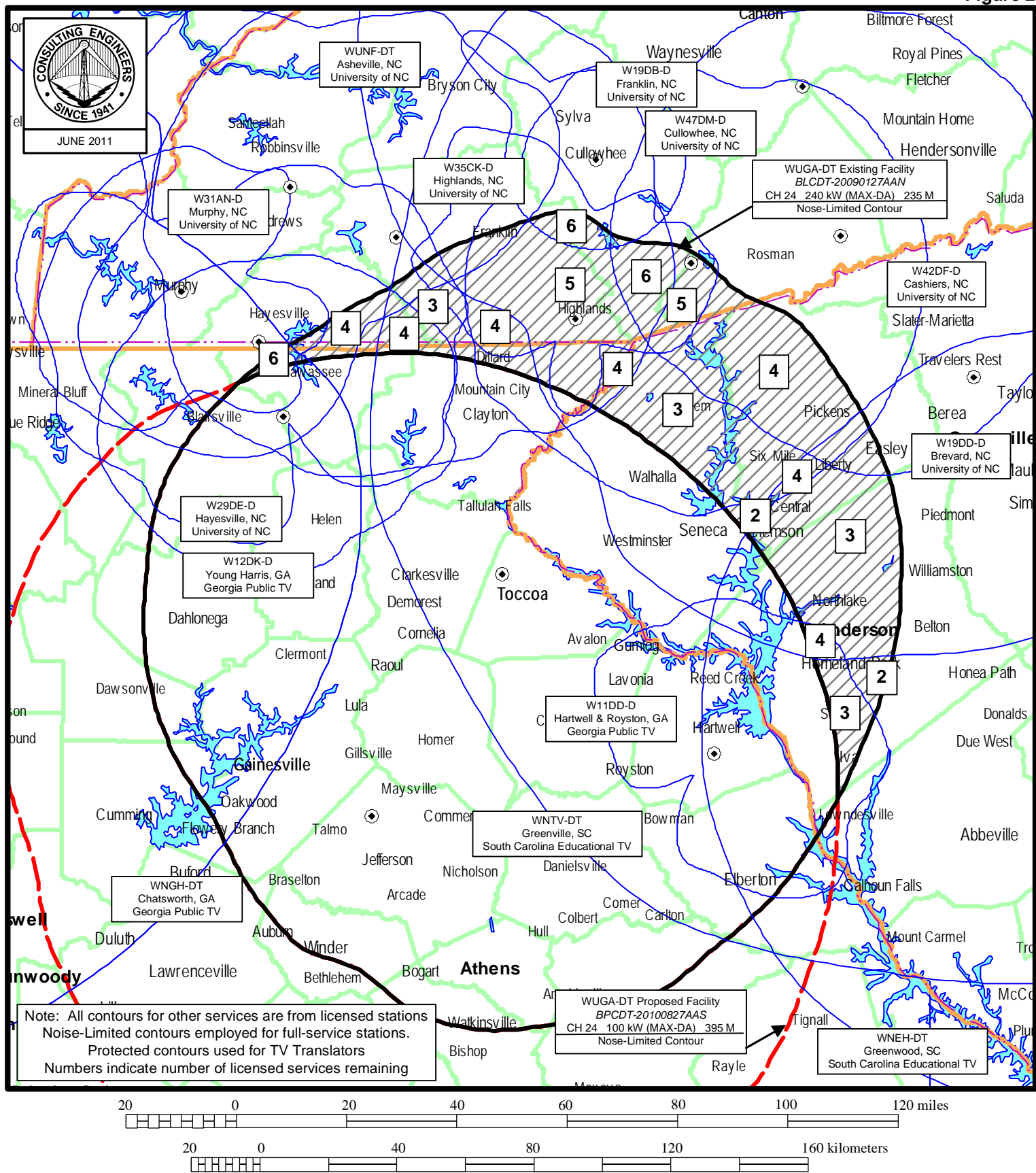
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Figure 2



OTHER NON-COMMERCIAL TELEVISION SERVICES IN LOSS AREA

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